

EXHIBIT A
FTX TRADING LTD., ET AL. - CASE NO. 22-11068
SUMMARY OF PROFESSIONALS AND FEES
FOR THE PERIOD JULY 1, 2024 THROUGH JULY 31, 2024

Professional	Position	Specialty	Billing Rate	Total Hours	Total Fees
Baldo, Diana	Director	Communications	\$ 685	1.3	\$ 890.50
Jasser, Riley	Sr Consultant	Communications	550	4.7	2,585.00
McNew, Steven	Sr Managing Dir	Cryptocurrency	1,200	9.3	11,160.00
de Brignac, Jessica	Managing Dir	Cryptocurrency	910	20.2	18,382.00
Jordan, Mason	Sr Consultant	Data & Analytics	730	6.1	4,453.00
Kimche, Livia	Consultant	Data & Analytics	555	7.9	4,384.50
Risler, Franck	Sr Managing Dir	Derivatives	1,895	27.7	52,491.50
Rousskikh, Valeri	Managing Dir	Derivatives	1,515	88.7	134,380.50
Diodato, Michael	Managing Dir	Derivatives	1,430	65.1	93,093.00
Kubali, Volkan	Managing Dir	Derivatives	1,330	9.3	12,369.00
Majkowski, Stephanie	Senior Director	Derivatives	1,245	57.5	71,587.50
You, Can	Senior Director	Derivatives	1,190	119.9	142,681.00
Guo, Xueying	Director	Derivatives	1,160	130.2	151,032.00
Langer, Cameron	Director	Derivatives	1,130	83.8	94,694.00
Steven, Kira	Director	Forensic Accounting	930	63.0	58,590.00
Simms, Steven	Sr Managing Dir	Restructuring	1,495	5.1	7,624.50
Diaz, Matthew	Sr Managing Dir	Restructuring	1,390	29.6	41,144.00
Joffe, Steven	Sr Managing Dir	Restructuring	1,390	2.5	3,475.00
Bromberg, Brian	Managing Dir	Restructuring	1,075	54.5	58,587.50
Gray, Michael	Director	Restructuring	875	36.4	31,850.00
Dawson, Maxwell	Sr Consultant	Restructuring	730	37.7	27,521.00
Sveen, Andrew	Sr Consultant	Restructuring	665	32.2	21,413.00
GRAND TOTAL				892.7	\$ 1,044,388.50

EXHIBIT B
FTX TRADING LTD., ET AL. - CASE NO. 22-11068
SUMMARY OF HOURS BY TASK
FOR THE PERIOD JULY 1, 2024 THROUGH JULY 31, 2024

Task Code	Task Description	Total Hours	Total Fees
1	Current Operating Results & Events	12.8	\$ 15,311.00
2	Cash & Liquidity Analysis	29.1	26,095.00
10	Analysis of Tax Issues	2.5	3,475.00
14	Analysis of Claims/Liabilities Subject to Compromise	37.1	33,271.00
16	Analysis, Negotiate and Form of POR & DS	137.0	145,353.50
18	Potential Avoidance Actions & Litigation	67.3	64,567.00
21	General Meetings with UCC and UCC Counsel	9.6	13,592.00
24	Preparation of Fee Application	28.7	21,918.00
26	Cryptocurrency/Digital Assets Issues	562.6	717,330.50
27	Communications Planning & Execution	6.0	3,475.50
GRAND TOTAL		892.7	\$ 1,044,388.50

EXHIBIT C
FTX TRADING LTD., ET AL. - CASE NO. 22-11068
DETAIL OF TIME ENTRIES
FOR THE PERIOD JULY 1, 2024 THROUGH JULY 31, 2024

Task Code	Date	Professional	Hours	Activity
1	7/8/2024	Diaz, Matthew	0.6	Conduct review of the FTX Japan investment materials.
1	7/8/2024	Gray, Michael	0.4	Review materials provided by Debtors in connection with FTX Japan.
1	7/8/2024	Gray, Michael	0.3	Analyze certain details of the Debtors' FTX Japan information in order to prepare key takeaways.
1	7/8/2024	Risler, Franck	0.2	Assess latest updated report provided by the Debtors on FTX Japan.
1	7/8/2024	Dawson, Maxwell	0.5	Attend call with A&M (D. Johnston), S&C (E. Simpson), and PH (G. Sasson) re: FTX Japan status.
1	7/8/2024	Bromberg, Brian	0.5	Review FTX Japan sale update from Debtors.
1	7/8/2024	Bromberg, Brian	0.5	Attend call with A&M (D. Johnston), S&C (E. Simpson), and PH (G. Sasson) re: FTX Japan status.
1	7/9/2024	Simms, Steven	0.3	Analyze updates to the FTX Japan sale from Debtors.
1	7/10/2024	Diaz, Matthew	0.6	Assess investment positions analysis re: FTX Japan.
1	7/11/2024	Bromberg, Brian	0.4	Review FTX Japan update from Debtors.
1	7/12/2024	Diaz, Matthew	0.7	Evaluate the Debtors' FTX Japan analysis.
1	7/12/2024	Risler, Franck	0.6	Assess bid letter, purchase agreement, funding commitment, release agreement and sale order of alternative bidder for FTX Japan.
1	7/12/2024	Bromberg, Brian	0.3	Review FTX Japan update from Debtors.
1	7/12/2024	de Brignac, Jessica	0.6	Review updates on FTX Japan bids from PH.
1	7/12/2024	McNew, Steven	2.4	Analyze bid package for FTX Japan, including bid letter and purchase agreement.
1	7/15/2024	Diaz, Matthew	0.6	Review the FTX Japan motion for Debtors' investment positions.
1	7/15/2024	Diaz, Matthew	0.4	Participate in call on FTX Japan with S&C (E. Simpson).
1	7/15/2024	Diaz, Matthew	0.6	Review the latest analysis of the FTX Japan status.
1	7/15/2024	Bromberg, Brian	0.3	Review update for UCC on FTX Japan.
1	7/15/2024	Bromberg, Brian	0.4	Participate in call on FTX Japan with S&C (E. Simpson).
1	7/15/2024	Bromberg, Brian	0.4	Review FTX Japan updates from Debtors.

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1	7/15/2024	de Brignac, Jessica	0.6	Review updates to FTX Japan bids from PH.
1	7/19/2024	Sveen, Andrew	0.3	Prepare update on the FTX Japan motion.
1	7/25/2024	Bromberg, Brian	0.3	Review FTX Japan updates from Debtors.
1 Total			12.8	
2	7/1/2024	Gray, Michael	0.2	Participate in discussion with A&M (E. Taraba and D. Johnston) re: cash variance report.
2	7/1/2024	Gray, Michael	0.3	Review cash variance report in advance of discussion with A&M re: same.
2	7/1/2024	Sveen, Andrew	0.9	Prepare slides for cash flow deck based on reconciliation of cash flow issues.
2	7/1/2024	Sveen, Andrew	0.4	Analyze budget to actuals variance reporting from A&M for the prior reporting week.
2	7/2/2024	Bromberg, Brian	0.3	Review cash flow reporting from Debtors.
2	7/2/2024	Gray, Michael	0.6	Provide comments on draft UCC report re: cash flow and liquidity.
2	7/2/2024	Gray, Michael	0.9	Review draft UCC report re: cash flow and liquidity.
2	7/2/2024	Sveen, Andrew	0.4	Revise cash flow analysis for UCC deck.
2	7/3/2024	Diaz, Matthew	0.7	Review the cash flow variance analysis.
2	7/3/2024	Sveen, Andrew	0.4	Develop slide for cash flow deck for UCC.
2	7/5/2024	Sveen, Andrew	0.6	Analyze cash flow data from the Debtors to understand changes in ending cash.
2	7/8/2024	Bromberg, Brian	0.3	Review cash reporting from Debtors.
2	7/8/2024	Bromberg, Brian	0.2	Discuss cash reporting with A&M (E. Taraba, D. Slay, and D. Johnston).
2	7/8/2024	Dawson, Maxwell	0.2	Analyze the Debtors' cash reporting for the prior budget to actual period.
2	7/8/2024	Gray, Michael	0.4	Review latest draft of cash flow report in advance of distribution to UCC.
2	7/8/2024	Gray, Michael	0.3	Review cash variance report in advance of discussion with A& re: same.
2	7/8/2024	Gray, Michael	0.2	Discuss cash reporting with A&M (E. Taraba, D. Slay, and D. Johnston).
2	7/8/2024	Sveen, Andrew	1.3	Assess budget to actuals report for recent reporting period to revise the cash flow deck for UCC.
2	7/9/2024	Diaz, Matthew	1.1	Conduct review of the cash flow report for UCC.
2	7/10/2024	Bromberg, Brian	0.4	Review cash flow slides for UCC.
2	7/11/2024	Diaz, Matthew	0.6	Assess the cash flow variance report for budget to actuals results.

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Task Code	Date	Professional	Hours	Activity
2	7/11/2024	Sveen, Andrew	0.4	Conduct cash flow inflows and outflows assessment.
2	7/12/2024	Risler, Franck	0.4	Assess the latest FTX cashflow update with focus on crypto liquidation receipts.
2	7/15/2024	Bromberg, Brian	0.3	Review cash reporting from Debtors.
2	7/15/2024	Bromberg, Brian	0.3	Participate in call with A&M (L. LaPosta, D. Slay, and J. LeGuen) re: budget-to-actual reporting.
2	7/15/2024	Dawson, Maxwell	0.2	Evaluate the Debtors' most recent cash flow variance report.
2	7/15/2024	Gray, Michael	0.4	Prepare cash flow analysis for UCC report.
2	7/15/2024	Gray, Michael	0.3	Participate in call with A&M (L. LaPosta, D. Slay, and J. LeGuen) re: budget-to-actual reporting.
2	7/18/2024	Diaz, Matthew	0.6	Assess the latest updated cash flow variance report.
2	7/19/2024	Diaz, Matthew	0.6	Analyze the Debtors' cash flow budget.
2	7/22/2024	Bromberg, Brian	0.2	Review latest budget per cash management order.
2	7/22/2024	Bromberg, Brian	0.2	Review Debtors' cash flow materials.
2	7/22/2024	Gray, Michael	0.8	Review revised monthly budget in advance of discussion with A&M.
2	7/22/2024	Gray, Michael	0.3	Prepare analysis of budget to actual cash flow results from Debtors.
2	7/22/2024	Gray, Michael	0.4	Review cash variance report in advance of discussion with A&M.
2	7/22/2024	Sveen, Andrew	0.6	Analyze the budget to actuals and revised budget from Debtors.
2	7/22/2024	Sveen, Andrew	2.3	Prepare cash flow analysis for the case to date cash flow results from Debtors.
2	7/23/2024	Sveen, Andrew	1.4	Prepare slides for UCC cash flow update deck.
2	7/24/2024	Bromberg, Brian	0.2	Review cash diligence responses provided by Debtors.
2	7/24/2024	Gray, Michael	0.8	Review cash budget supporting materials provided by A&M.
2	7/24/2024	Sveen, Andrew	0.5	Analyze certain of the Debtors' disbursements for the case to date.
2	7/25/2024	Diaz, Matthew	0.6	Analyze cash flow variance report for the latest reporting period.
2	7/25/2024	Sveen, Andrew	0.7	Revise cash flow analysis for UCC deck.
2	7/26/2024	Sveen, Andrew	0.3	Review variance report and create updated analysis.
2	7/29/2024	Bromberg, Brian	0.4	Review cash flow reporting from Debtors.
2	7/29/2024	Bromberg, Brian	0.2	Discuss cash reporting with A&M (D. Slay).

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2	7/29/2024	Gray, Michael	0.2	Participate in discussion with A&M (D. Slay) re: variance report.
2	7/29/2024	Gray, Michael	0.3	Review cash variance report in advance of discussion re: same.
2	7/29/2024	Sveen, Andrew	0.6	Analyze budget to actuals results for the most recent reporting week.
2	7/29/2024	Sveen, Andrew	0.6	Revise cash flow slides for UCC with diligence items.
2	7/29/2024	Dawson, Maxwell	0.3	Review support re: certain sale proceeds in cash holdings.
2	7/29/2024	Dawson, Maxwell	1.4	Provide comments on draft cash flow update slides for UCC.
2	7/30/2024	Gray, Michael	0.8	Review draft UCC report re: cash flow and liquidity.
2	7/31/2024	Bromberg, Brian	0.8	Review cash flow update presentation for UCC.
2 Total			29.1	
10	7/10/2024	Joffe, Steven	1.0	Review questions and answers re: certain tax considerations for Debtors.
10	7/12/2024	Joffe, Steven	1.0	Prepare correspondence to PH on tax issues for Plan implementation.
10	7/29/2024	Joffe, Steven	0.5	Attend call with S&C (D. Hariton) on tax issues for the FTX estate.
10 Total			2.5	
14	7/2/2024	Diaz, Matthew	0.9	Assess the updated claims objections.
14	7/2/2024	Bromberg, Brian	0.6	Analyze the latest status of claims objections provided by the Debtors.
14	7/2/2024	Bromberg, Brian	0.7	Assess claims filed against Debtors and various related objections.
14	7/2/2024	Gray, Michael	1.4	Conduct reconciliation of certain customer claims included in the Debtors' omnibus claim objection.
14	7/3/2024	Diaz, Matthew	0.8	Review the claims analysis for claims filed against Debtors.
14	7/3/2024	Gray, Michael	0.9	Review latest claims report provided by A&M to understand status of objections and reconciliations re: potential reserves.
14	7/8/2024	Bromberg, Brian	0.4	Review claims reconciliation update slides from Debtors.
14	7/10/2024	Dawson, Maxwell	0.5	Assess data availability for analysis of top customer claims.
14	7/10/2024	Jordan, Mason	1.6	Conduct customer claims analysis to understand the pool of claims against the Debtors.
14	7/10/2024	Kimche, Livia	0.8	Prepare data analysis on customer claims schedules.
14	7/11/2024	Bromberg, Brian	0.3	Review schedules on largest unsecured claims.
14	7/11/2024	Dawson, Maxwell	0.5	Advise on data processing for evaluation of top customer claimants.

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14	7/11/2024	Jordan, Mason	1.9	Run quality control checks on top 50 customer claim analysis.
14	7/11/2024	Jordan, Mason	0.5	Analyze the results of analysis of top customer claims.
14	7/11/2024	Kimche, Livia	2.3	Run various quantitative analyses on customer claims schedules.
14	7/11/2024	Kimche, Livia	2.1	Conduct quality assurance of customer schedule data and analysis.
14	7/12/2024	Risler, Franck	0.4	Assess certain party's objection to digital asset claim estimation.
14	7/12/2024	Risler, Franck	0.3	Assess certain other party's objection to digital asset claim estimation.
14	7/12/2024	Diaz, Matthew	0.7	Prepare claims analysis to understand claims pool.
14	7/12/2024	Gray, Michael	1.0	Review filed objections to certain non-customer claims.
14	7/15/2024	Diaz, Matthew	0.6	Review certain claims objections from Debtors against claimants.
14	7/15/2024	Bromberg, Brian	0.4	Review customer claims data.
14	7/15/2024	Bromberg, Brian	0.4	Review claims reconciliation data.
14	7/15/2024	Bromberg, Brian	0.8	Analyze Disclosure Statement filed by Debtors to understand claims.
14	7/15/2024	Dawson, Maxwell	0.9	Pull demographic information for certain claimants.
14	7/15/2024	Dawson, Maxwell	0.6	Search for dataroom documents identifying certain claimants.
14	7/15/2024	Gray, Michael	1.1	Review analysis prepared re: top customer claim holders.
14	7/15/2024	Jordan, Mason	0.8	Run quality control checks on customer claims analysis.
14	7/15/2024	Jordan, Mason	1.3	Run quality control checks on customer claims over certain threshold.
14	7/15/2024	Kimche, Livia	0.3	Conduct analysis of certain categories of customer claims filed against Debtors.
14	7/15/2024	Kimche, Livia	1.1	Perform analysis and create workbook for customer claims in certain category.
14	7/15/2024	Kimche, Livia	1.3	Continue to prepare analysis on certain groups of customer claims.
14	7/16/2024	Bromberg, Brian	0.4	Review customer claims data.
14	7/16/2024	Bromberg, Brian	0.4	Participate in claims call with A&M (D. Lewandowski and C. Arnett), S&C (A. Kranzley).
14	7/16/2024	Dawson, Maxwell	0.2	Analyze customer claims information from Debtors.
14	7/16/2024	Dawson, Maxwell	0.4	Confirm ultimate ownership of a certain claimant.
14	7/16/2024	Gray, Michael	0.4	Participate in recurring claims call with A&M (D. Lewandowski and C. Arnett), S&C (A. Kranzley).

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14	7/16/2024	Gray, Michael	0.8	Review latest claim reconciliation report provided by A&M in advance of discussion re: same.
14	7/24/2024	Bromberg, Brian	0.3	Review prior claims reports from Debtors to understand latest changes.
14	7/24/2024	Diodato, Michael	0.9	Review top creditor holdings.
14	7/24/2024	Diodato, Michael	1.4	Analyze claims pricing in response to the latest court motion.
14	7/24/2024	Dawson, Maxwell	1.1	Assess revised claims pricing data.
14	7/25/2024	Diodato, Michael	0.7	Analyze claims pricing in response to the latest court motion.
14	7/29/2024	Dawson, Maxwell	0.4	Review claims update deck provided by A&M.
14	7/30/2024	Dawson, Maxwell	0.8	Review accrual of interest on certain claims.
14	7/31/2024	Bromberg, Brian	0.7	Review claims reporting from Debtors.
14 Total			37.1	
16	7/1/2024	Diaz, Matthew	0.4	Assess responses to the UCC on distribution agent process for Plan.
16	7/1/2024	Diaz, Matthew	0.8	Conduct review of the distribution agent analysis.
16	7/1/2024	Gray, Michael	1.1	Review presentation provided by Debtors' re: distribution agent selection process and recommendations.
16	7/1/2024	Gray, Michael	1.3	Prepare analysis for UCC re: distribution agent selection process and recommendation.
16	7/1/2024	Bromberg, Brian	0.9	Review latest claims distribution agent materials.
16	7/1/2024	Bromberg, Brian	1.2	Revise update for UCC on claims distribution agents.
16	7/1/2024	Bromberg, Brian	0.4	Review distribution agent considerations for UCC.
16	7/1/2024	Bromberg, Brian	0.8	Analyze claims distribution agent costs.
16	7/2/2024	Bromberg, Brian	0.7	Review prior discussions with creditors to understand distribution agents updates.
16	7/2/2024	Bromberg, Brian	0.4	Review Plan distribution and claims status materials from the Debtors.
16	7/2/2024	Gray, Michael	0.5	Evaluate Plan Disclosure Statement re: distribution issues for Debtors.
16	7/3/2024	Simms, Steven	0.4	Prepare correspondence to the UCC on Plan implementation items of interest for the UCC.
16	7/3/2024	Risler, Franck	0.4	Assess updated presentation on distribution agents and emails to and from Debtors and latest bids.
16	7/8/2024	Bromberg, Brian	0.4	Evaluate the Plan considerations for UCC with a focus on distributions.
16	7/8/2024	Bromberg, Brian	0.8	Review distribution agent proposal from Debtors.

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16	7/8/2024	Bromberg, Brian	1.1	Prepare analysis for update to UCC on distribution agents.
16	7/8/2024	Gray, Michael	0.3	Prepare correspondence to UCC re: distribution agent update.
16	7/8/2024	Diaz, Matthew	0.6	Attend call with UCC to discuss Plan process.
16	7/8/2024	Gray, Michael	0.3	Prepare analysis for creditor recovery distribution issues.
16	7/9/2024	Simms, Steven	0.4	Review updates to negotiation issues for the Debtors' Plan.
16	7/9/2024	Dawson, Maxwell	1.0	Update recovery analysis for recent transactions.
16	7/9/2024	Dawson, Maxwell	1.4	Prepare recovery analysis based on latest asset figures.
16	7/10/2024	Diaz, Matthew	0.7	Review the distributions update.
16	7/10/2024	Risler, Franck	0.3	Evaluate the UCC information for Plan implementation issues.
16	7/10/2024	Diaz, Matthew	0.6	Review the post-emergence directors analysis.
16	7/10/2024	Bromberg, Brian	0.3	Finalize distribution agent recommendations for Plan implementation.
16	7/10/2024	Dawson, Maxwell	2.9	Continue to prepare updated recovery analysis.
16	7/10/2024	Dawson, Maxwell	0.8	Prepare updated recovery analysis re: latest crypto asset figures.
16	7/10/2024	Gray, Michael	0.2	Assess results of recovery analysis updates for various creditor recoveries.
16	7/10/2024	Sveen, Andrew	1.4	Assess the latest recovery analysis to understand changes.
16	7/10/2024	Gray, Michael	0.8	Revise waterfall recovery analysis to provide updated recovery estimates.
16	7/10/2024	de Brignac, Jessica	0.6	Review distribution agent analysis from A&M for crypto considerations.
16	7/11/2024	Bromberg, Brian	0.3	Review advisory committee candidates.
16	7/11/2024	Bromberg, Brian	0.4	Review updated recovery analysis.
16	7/11/2024	Dawson, Maxwell	1.7	Finalize updated waterfall analysis slides.
16	7/11/2024	Dawson, Maxwell	2.8	Prepare comparison of recovery analysis to Debtors' Disclosure Statement.
16	7/11/2024	Gray, Michael	0.9	Conduct recovery analysis updates.
16	7/11/2024	Diaz, Matthew	0.4	Review claims distribution analysis updates.
16	7/11/2024	Gray, Michael	0.5	Prepare recovery analysis changes.
16	7/12/2024	Risler, Franck	0.8	Asses the claims distribution analysis from the Debtors.

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16	7/15/2024	Simms, Steven	0.4	Prepare correspondence to PH re: Plan implementation and effects for creditors.
16	7/15/2024	Risler, Franck	0.9	Assess Debtors' motion for Debtors' settlement with focus on supplemental remission fund and impact on estimated distribution of creditor recoveries.
16	7/15/2024	Bromberg, Brian	0.5	Review settlement documents for regulatory party.
16	7/15/2024	Bromberg, Brian	0.8	Review updated recovery analysis.
16	7/16/2024	Bromberg, Brian	1.0	Review Disclosure Statement for disclosure on distributions.
16	7/16/2024	Bromberg, Brian	0.4	Review claims distribution timing issues.
16	7/16/2024	Bromberg, Brian	0.5	Discuss distributions with UCC.
16	7/16/2024	Dawson, Maxwell	1.0	Revise recovery analysis for updates in order to understand changes to creditor recoveries.
16	7/16/2024	Diaz, Matthew	0.5	Attend call with UCC to discuss Plan process.
16	7/17/2024	Diaz, Matthew	0.5	Review updated claims distribution analysis.
16	7/17/2024	Risler, Franck	0.4	Assess mark-up by the Debtors of termsheet for distribution services agreement.
16	7/17/2024	Risler, Franck	0.6	Assess certain party's motion for estimation of digital asset claims for Plan voting.
16	7/17/2024	Diaz, Matthew	0.9	Evaluate results of the changes to recovery analysis.
16	7/17/2024	Bromberg, Brian	0.3	Analyze claims distribution agent agreements.
16	7/19/2024	Diaz, Matthew	0.5	Analyze certain regulatory settlement details re: Plan.
16	7/19/2024	Diaz, Matthew	0.6	Review the Plan recovery analysis following updates.
16	7/19/2024	Dawson, Maxwell	1.2	Assess details of the Debtors' settlement with certain party for understanding of adherence to previous contemplated terms.
16	7/19/2024	Dawson, Maxwell	1.8	Run waterfall scenarios to assess settlement impact re: certain regulatory party.
16	7/22/2024	Simms, Steven	0.4	Prepare correspondence for PH on Plan terms of importance for UCC.
16	7/22/2024	Diaz, Matthew	1.1	Review recovery analysis prior to distribution to UCC.
16	7/22/2024	Bromberg, Brian	0.5	Assess updates to the recovery analysis for various creditors.
16	7/22/2024	Dawson, Maxwell	1.4	Update recovery analysis based on latest data points.
16	7/22/2024	Gray, Michael	0.3	Prepare commentary updated for the latest recovery value estimates projected.
16	7/22/2024	Diodato, Michael	1.2	Review token holdings and sales for recovery analysis.
16	7/23/2024	Diaz, Matthew	0.7	Assess the key changes for next presentation to UCC on Plan recoveries.

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16	7/23/2024	Bromberg, Brian	0.4	Review recovery modeling for latest data inputs and assumptions.
16	7/23/2024	Bromberg, Brian	0.2	Review distribution agent terms.
16	7/23/2024	Bromberg, Brian	0.3	Review token pricing order as part of Plan analysis.
16	7/23/2024	Bromberg, Brian	0.4	Review Debtors' Disclosure Statement exhibits.
16	7/24/2024	Diaz, Matthew	0.4	Evaluate the additional advisory committee information.
16	7/24/2024	Bromberg, Brian	0.5	Conduct review of presentation for UCC on Plan and Disclosure Statement implementation and results for UCC.
16	7/24/2024	Bromberg, Brian	0.3	Review distribution agent onboarding status.
16	7/24/2024	Bromberg, Brian	0.3	Review recovery analysis for changes to certain creditor recoveries.
16	7/24/2024	Bromberg, Brian	0.7	Review Plan terms in filed Plan.
16	7/24/2024	Bromberg, Brian	0.4	Review prior recovery presentations.
16	7/24/2024	Dawson, Maxwell	2.9	Update recovery model for additional crypto data.
16	7/24/2024	Dawson, Maxwell	0.5	Prepare outline of revised waterfall analysis.
16	7/24/2024	Gray, Michael	0.3	Review Plan to understand PPI compounding.
16	7/24/2024	Sveen, Andrew	0.7	Assess board implementation issues for UCC.
16	7/24/2024	You, Can	0.6	Review baseline recovery values, for recovery projection.
16	7/24/2024	Gray, Michael	0.6	Create slides with commentary updated for the latest recovery value estimates projected.
16	7/25/2024	Diaz, Matthew	0.8	Review the latest recovery analysis updates.
16	7/25/2024	Bromberg, Brian	1.3	Review updated recovery analysis.
16	7/25/2024	Bromberg, Brian	1.4	Prepare waterfall recovery modeling to project recoveries for creditors.
16	7/25/2024	Bromberg, Brian	0.8	Analyze Disclosure Statement exhibits.
16	7/25/2024	Bromberg, Brian	0.8	Review prior Debtors' analysis on recoveries.
16	7/25/2024	Bromberg, Brian	0.7	Review post emergence governance arrangements.
16	7/25/2024	Dawson, Maxwell	2.7	Prepare revised slides re: recovery analysis for UCC.
16	7/25/2024	Dawson, Maxwell	1.1	Update recovery slides for comments.
16	7/25/2024	Gray, Michael	2.2	Review Plan recovery model and related draft UCC report.

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16	7/25/2024	Gray, Michael	0.3	Revise Plan recovery model and related draft UCC report.
16	7/26/2024	Diaz, Matthew	1.4	Conduct review of the recovery analysis due diligence.
16	7/26/2024	Bromberg, Brian	0.6	Assess prior Debtors' analysis on recoveries.
16	7/26/2024	Bromberg, Brian	1.4	Review updated recovery analysis to understand recovery ranges.
16	7/26/2024	Bromberg, Brian	0.7	Prepare recovery modeling updates.
16	7/26/2024	Gray, Michael	1.9	Update Plan recovery model and related draft UCC report for adjustment to certain asset assumptions.
16	7/29/2024	Bromberg, Brian	0.4	Comment on presentation with monetization status updates re: recoveries.
16	7/29/2024	Bromberg, Brian	1.5	Revise presentation for UCC on updated recoveries.
16	7/29/2024	Bromberg, Brian	1.3	Review recovery update model for quality check.
16	7/29/2024	Majkowski, Stephanie	0.9	Analyze the newly provided responses and evaluate their reasonableness by reviewing the 5/5 Recovery Plan for FTX recovery analysis.
16	7/29/2024	Guo, Xueying	2.3	Review Debtors' responses with respect to questions on their token recovery price and value calculations.
16	7/29/2024	Langer, Cameron	1.4	Review Debtors' aggregated responses on Plan recovery analysis for the purpose of updating expected recovery values.
16	7/29/2024	Langer, Cameron	1.2	Analyze statistical bootstrap methodology used by the Debtors in estimating plan recovery values for the purpose of updated recovery projections.
16	7/29/2024	Diodato, Michael	1.5	Review responses from Debtors on recovery analysis for tokens.
16	7/29/2024	Dawson, Maxwell	0.8	Analyze treatment of certain crypto assets in the waterfall analysis.
16	7/29/2024	Dawson, Maxwell	1.3	Prepare status update slide for waterfall analysis.
16	7/30/2024	Bromberg, Brian	1.2	Comment on presentation with recovery updates.
16	7/30/2024	Bromberg, Brian	0.5	Participate in call with PH (K. Pasquale), S&C (A. Dietderich) and A&M (S. Coverick) on Plan and Disclosure Statement implementation issues for UCC.
16	7/30/2024	Bromberg, Brian	1.9	Review recovery update model.
16	7/30/2024	Bromberg, Brian	1.2	Review post petition interest calculation for Plan.
16	7/30/2024	Gray, Michael	0.5	Review interest accrual for certain party re: Plan recovery.
16	7/30/2024	Majkowski, Stephanie	2.9	Consolidate all executed positions and compare to the expected liquidation quantities and values outlined in the Plan for FTX recovery analysis.
16	7/30/2024	Guo, Xueying	2.7	Import Debtors' recovery price and value forecast data to prepare for replication and calculation of how much recovery price forecasts have changed since May.
16	7/30/2024	You, Can	2.0	Review recovery analysis method and responses to questions from Debtors.

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16	7/30/2024	Diodato, Michael	0.8	Review recovery analysis scenarios for tokens.
16	7/30/2024	You, Can	1.6	Integrate recent updates for recovery analysis and risk dashboard.
16	7/30/2024	Dawson, Maxwell	0.9	Update recovery analysis for comments from FTI team.
16	7/31/2024	Bromberg, Brian	0.7	Review Debtors' recovery analysis support.
16	7/31/2024	Bromberg, Brian	0.3	Review responses from PH on recovery questions.
16	7/31/2024	Bromberg, Brian	1.0	Comment on presentation with recovery updates.
16	7/31/2024	Bromberg, Brian	0.5	Review latest claims reserve reporting for Plan implementation.
16	7/31/2024	Bromberg, Brian	0.7	Review recovery update model.
16	7/31/2024	Bromberg, Brian	1.1	Review diligence questions list for Debtors re: Plan recoveries and claims.
16	7/31/2024	Gray, Michael	0.7	Conduct reconciliation of key Plan recovery analysis asset and claim items.
16	7/31/2024	Gray, Michael	0.4	Review follow-up diligence question list for A&M re: asset and claim assumptions in recovery analysis.
16	7/31/2024	Majkowski, Stephanie	2.8	Analyze quantity differences between executed quantities and expected quantities pre and post effective date for FTX recovery analysis.
16	7/31/2024	Majkowski, Stephanie	1.2	Investigate assumptions applied for token quantity allocations between pre and post effective date for FTX recovery analysis.
16	7/31/2024	Majkowski, Stephanie	1.9	Calculate differences between executed prices and 5/5 prices and analyze performance for FTX recovery analysis.
16	7/31/2024	Guo, Xueying	2.4	Extract full price history from one metric for all tokens in Debtors' recovery forecast file to prepare for replication and calculation of how much recovery price forecasts have changed since May.
16	7/31/2024	Guo, Xueying	2.7	Calculate recovery price from price volatility using Debtors' description of their method for FTX token holdings to replication and calculation of how much recovery price forecasts have changed since May.
16	7/31/2024	Guo, Xueying	2.3	Extract trusted volume history to prepare for slippage discount calculation using Debtors' method to replication and calculation of how much recovery price forecasts have changed since May.
16	7/31/2024	Langer, Cameron	2.7	Analyze expected token recoveries under the Debtors' provided framework for updated recovery analysis purposes.
16	7/31/2024	Langer, Cameron	2.9	Review Debtors' provided responses to questions on the recovery analysis methodology for the purpose of updating recovery projections.
16	7/31/2024	Langer, Cameron	2.4	Calculate updated recovery projections using the Debtors' simulation methodology for the purpose of tracking expected recoveries.
16	7/30/2024	Dawson, Maxwell	2.3	Review Debtors' recovery materials to prepare questions.
16	7/30/2024	Dawson, Maxwell	1.2	Prepare analysis re: updated recovery analysis and next steps.
16 Total			137.0	

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18	7/1/2024	Steven, Kira	2.9	Perform document review based on search for adversary party accounting communications within database.
18	7/1/2024	Steven, Kira	2.9	Perform document review based on search for adversary party financials within database.
18	7/2/2024	Steven, Kira	2.8	Perform document review based on search for adversary party financial transfers within database.
18	7/2/2024	Steven, Kira	2.9	Continue to perform document review based on search for adversary party financial transfers within database.
18	7/2/2024	Steven, Kira	2.9	Perform document review based on search for adversary party financial statements within database.
18	7/3/2024	Steven, Kira	2.8	Evaluate results of research on financial transfers based on review of Debtors' database.
18	7/3/2024	Steven, Kira	2.7	Continue to evaluate results of research on financial transfers based on review of Debtors' database.
18	7/5/2024	Steven, Kira	2.7	Perform document review based on search for adversary entity auditor's reports within Debtors' database.
18	7/5/2024	Steven, Kira	2.2	Perform document review based on search for adversary party balance sheets within Debtors' database.
18	7/8/2024	Steven, Kira	2.9	Continue to perform document review based on search for adversary entity auditor's reports within Debtors' database.
18	7/8/2024	Steven, Kira	2.5	Evaluate the results of research on adversary party balance sheets.
18	7/9/2024	Diaz, Matthew	1.3	Review analysis of Debtors' litigation with certain party.
18	7/9/2024	Steven, Kira	2.5	Research related party income statements in Debtors' database.
18	7/10/2024	Steven, Kira	2.8	Perform quality check of the transfers portion of the documents cataloged from the database.
18	7/10/2024	Steven, Kira	2.3	Construct preliminary version of document review analyses for incorporation into adversary complaint analysis.
18	7/11/2024	Steven, Kira	2.8	Continue to perform document review based on search for adversary party entity income statements within database.
18	7/15/2024	Diaz, Matthew	0.6	Review the settlement between Debtors and certain party.
18	7/15/2024	Steven, Kira	2.9	Perform financial document review for adversary complaint party.
18	7/16/2024	Steven, Kira	2.7	Continue to perform financial document review for adversary complaint party.
18	7/16/2024	Steven, Kira	2.8	Continue to perform quality check of transfers portion of documents catalogued from Debtors' database.
18	7/17/2024	Steven, Kira	2.7	Perform research on adversary complaint party transfer communications.
18	7/18/2024	Diaz, Matthew	2.4	Review the updated investigation report of Debtors' assets.
18	7/18/2024	Steven, Kira	2.8	Evaluate research on adversary complaint party based on document review.
18	7/22/2024	Steven, Kira	2.8	Perform document review based on search for certain related entity audited financials.
18	7/22/2024	Steven, Kira	2.9	Perform document review based on search for certain related entity bank account requests.

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18	7/23/2024	Steven, Kira	2.8	Continue to perform document review based on search for certain related entity audited financials.
18 Total			67.3	
21	7/2/2024	Simms, Steven	0.4	Discuss Plan and case issues with PH (G. Sasson, K. Pasquale, and K. Hansen) and Jefferies (M. O'Hara).
21	7/2/2024	Diaz, Matthew	0.4	Discuss Plan and case issues with PH (G. Sasson, K. Pasquale, and K. Hansen) and Jefferies (M. O'Hara).
21	7/2/2024	Diodato, Michael	0.4	Discuss Plan and case issues with PH (G. Sasson, K. Pasquale, and K. Hansen) and Jefferies (M. O'Hara).
21	7/8/2024	Diaz, Matthew	0.4	Participate in meeting with PH (K. Hansen, K. Pasquale, and I. Sasson) and Jefferies (M. O'Hara and R. Hamilton) with focus on coin monetization and Plan implementation updates.
21	7/8/2024	Diodato, Michael	0.4	Participate in meeting with PH (K. Hansen, K. Pasquale, and I. Sasson) and Jefferies (M. O'Hara and R. Hamilton) with focus on coin monetization and Plan implementation updates.
21	7/8/2024	Risler, Franck	0.4	Participate in meeting with PH (K. Hansen, K. Pasquale, and I. Sasson) and Jefferies (M. O'Hara and R. Hamilton) with focus on coin monetization and Plan implementation updates.
21	7/10/2024	Bromberg, Brian	0.8	Participate in UCC call with PH (K. Pasquale and K. Hansen) and Jefferies (M. O'Hara and R. Hamilton).
21	7/10/2024	Risler, Franck	0.8	Participate in UCC call with PH (K. Pasquale and K. Hansen) and Jefferies (M. O'Hara and R. Hamilton).
21	7/22/2024	Bromberg, Brian	0.4	Participate in advisor call to coordinate on UCC materials with PH (K. Pasquale) and Jefferies (R. Hamilton).
21	7/22/2024	Bromberg, Brian	0.3	Participate in call with advisory committee candidates with PH (K. Pasquale).
21	7/22/2024	Simms, Steven	0.3	Participate in call with advisory committee candidates with PH (K. Pasquale).
21	7/22/2024	Diaz, Matthew	0.4	Participate in advisor call to coordinate on UCC materials with PH (K. Pasquale) and Jefferies (R. Hamilton).
21	7/22/2024	Diodato, Michael	0.3	Participate in call with advisory committee candidates with PH (K. Pasquale).
21	7/22/2024	Diodato, Michael	0.4	Participate in advisor call to coordinate on UCC materials with PH (K. Pasquale) and Jefferies (R. Hamilton).
21	7/23/2024	Bromberg, Brian	0.6	Participate in advisory committee call with PH (K. Pasquale).
21	7/23/2024	Simms, Steven	0.6	Participate in advisory committee call with PH (K. Pasquale).
21	7/23/2024	Diodato, Michael	0.6	Participate in advisory committee call with PH (K. Pasquale).
21	7/24/2024	Simms, Steven	0.2	Participate in UCC call re: Plan and Disclosure Statement with PH (K. Pasquale) and Jefferies (M. O'Hara).

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21	7/24/2024	Diaz, Matthew	0.6	Participate in UCC call re: Plan and Disclosure Statement with PH (K. Pasquale) and Jefferies (M. O'Hara).
21	7/24/2024	Diodato, Michael	0.5	Participate in UCC call re: Plan and Disclosure Statement with PH (K. Pasquale) and Jefferies (M. O'Hara).
21	7/29/2024	Simms, Steven	0.4	Attend call with UCC on Plan timing issues.
21 Total			9.6	
24	7/1/2024	Diaz, Matthew	1.3	Review the May fee statement exhibits.
24	7/1/2024	Gray, Michael	1.9	Review draft May fee application exhibits.
24	7/1/2024	Gray, Michael	1.4	Provide comments on draft May fee application exhibits.
24	7/1/2024	Gray, Michael	1.3	Revise May fee application exhibits.
24	7/1/2024	Sveen, Andrew	1.5	Prepare the fee application exhibits for May 2024.
24	7/2/2024	Gray, Michael	0.6	Finalize and distribute draft May fee application.
24	7/5/2024	Gray, Michael	0.4	Review customers' limited objection to interim fee applications.
24	7/8/2024	Sveen, Andrew	1.8	Prepare fee application exhibits for June 2024 in accordance with local rules.
24	7/9/2024	Sveen, Andrew	2.1	Conduct review of fee application exhibits for June 2024.
24	7/10/2024	Sveen, Andrew	1.3	Continue to conduct review of fee application exhibits for June 2024.
24	7/11/2024	Sveen, Andrew	1.8	Prepare fee application exhibits in accordance with the local rules.
24	7/12/2024	Gray, Michael	0.3	Review draft CNO for FTT's 17th monthly fee application.
24	7/12/2024	Sveen, Andrew	1.6	Continue to prepare fee application exhibits in accordance with the local rules.
24	7/15/2024	Sveen, Andrew	2.0	Develop fee application exhibits to prepare for filing.
24	7/18/2024	Gray, Michael	0.3	Prepare correspondence to PH re: May fee application filing.
24	7/19/2024	Sveen, Andrew	1.0	Prepare June fee application exhibits for filing.
24	7/22/2024	Sveen, Andrew	1.8	Incorporate various exhibits into the fee application filing for previous month.
24	7/23/2024	Sveen, Andrew	1.0	Prepare June fee application exhibits in accordance with local rules.
24	7/24/2024	Sveen, Andrew	2.2	Continue to prepare June fee application exhibits in accordance with local rules.
24	7/29/2024	Gray, Michael	1.8	Conduct review of June fee application exhibits.
24	7/30/2024	Gray, Michael	1.0	Continue to review June fee application exhibits.

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24	7/31/2024	Sveen, Andrew	0.3	Continue to prepare exhibits for the June 2024 fee application.
24 Total			28.7	
26	7/1/2024	Kubali, Volkan	0.3	Attend meeting with Galaxy (C. Rhine), A&M (K. Ramanathan), and Debtors (J. Ray) to discuss monetization.
26	7/1/2024	Rousskikh, Valeri	2.9	Analyze results of models for the order book in the context of FTX portfolio monetization and anomalous trading patterns identification.
26	7/1/2024	Rousskikh, Valeri	2.8	Perform parameter sensitivity testing in model for the order book in the context of FTX portfolio monetization and anomalous trading patterns identification.
26	7/1/2024	Rousskikh, Valeri	2.8	Optimize performance of model for order book in the context of FTX portfolio monetization and anomalous trading patterns identification.
26	7/1/2024	Diodato, Michael	0.3	Attend meeting with Galaxy (C. Rhine), A&M (K. Ramanathan), and Debtors (J. Ray) to discuss monetization.
26	7/1/2024	Diodato, Michael	1.2	Review proposal for the UCC regarding a select token and correspond with the UCC regarding the proposal.
26	7/1/2024	Diodato, Michael	1.3	Review details regarding sale of a select token and proposal for the UCC.
26	7/1/2024	Majkowski, Stephanie	1.8	Assess the results of analysis of available tokens for sale and emphasize the higher notional positions for FTX coin management.
26	7/1/2024	Majkowski, Stephanie	1.9	Conduct review of the liquidation analysis of FTX as part of coin management.
26	7/1/2024	Majkowski, Stephanie	0.3	Evaluate coin monetization proceeds for the Debtors based on information from A&M.
26	7/1/2024	Majkowski, Stephanie	2.4	Calculate total token quantities available for sale for FTX coin management.
26	7/1/2024	Guo, Xueying	2.7	Update the training and testing results of market anomaly detection on two FTX example locked tokens in the context of market monitoring ahead of locked token sales.
26	7/1/2024	Guo, Xueying	2.8	Perform hyper-parameter tuning on the market anomaly detection machine learning model to improve its performance on example FTX locked crypto token trainings in the context of market monitoring ahead of locked token sales.
26	7/1/2024	You, Can	1.2	Calibrate parameters for price forecast for coins for portfolio optimization.
26	7/1/2024	You, Can	2.0	Test confidence interval of return projection using different models, with actual historical returns for token portfolio management.
26	7/1/2024	You, Can	0.9	Evaluate the required inputs for multi-period projections using option-implied method for coin management.
26	7/1/2024	de Brignac, Jessica	0.8	Review and analyze digital asset estimation data opinion from judge and summary from PH.
26	7/1/2024	de Brignac, Jessica	0.6	Review and analyze updated coin reports from A&M.
26	7/2/2024	Rousskikh, Valeri	2.9	Automate model selection for limit order book in the context of FTX portfolio monetization and anomalous trading patterns identification.
26	7/2/2024	Rousskikh, Valeri	2.6	Visualize histograms of order book features in model in the context of FTX portfolio monetization and anomalous trading patterns identification.
26	7/2/2024	Rousskikh, Valeri	2.8	Test outliers in model for limit order book in the context of FTX portfolio monetization and anomalous trading patterns identification.

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26	7/2/2024	Diodato, Michael	0.3	Attend meeting with A&M (D. Sagen and G. Walia) to discuss the status of monetization.
26	7/2/2024	Diodato, Michael	0.2	Prepare correspondence on diligence questions for A&M on coin monetization.
26	7/2/2024	Kubali, Volkan	0.5	Perform quality check for advanced approaches to determine optimal selling and liquidation schedule for coin monetization.
26	7/2/2024	Guo, Xueying	2.7	Design and test a new synthetic anomaly data simulation function to be used to test market anomaly detection pipeline in the context of market monitoring ahead of locked token sales.
26	7/2/2024	Guo, Xueying	2.9	Prepare updated training and testing results of two FTX locked tokens in the context of market monitoring ahead of locked token sales.
26	7/2/2024	Guo, Xueying	2.6	Apply the new synthetic anomaly simulation function on two FTX locked tokens and test market anomaly detection pipeline in the context of market monitoring ahead of locked token sales.
26	7/2/2024	You, Can	2.4	Use model to fit residuals, to model time series volatility, for portfolio liquidation optimization.
26	7/2/2024	You, Can	1.7	Analyze the limitations of certain models due to data availability, for portfolio optimization.
26	7/2/2024	You, Can	2.1	Use select method to model to project return, for portfolio optimization.
26	7/2/2024	You, Can	1.5	Extract and test residuals of price projection using certain model, for portfolio liquidation optimization.
26	7/2/2024	de Brignac, Jessica	1.3	Review distribution agent update materials from A&M with focus on crypto issues.
26	7/3/2024	Rousskikh, Valeri	2.5	Test results for a set of features in certain model in the context of FTX portfolio monetization and anomalous trading patterns identification.
26	7/3/2024	Rousskikh, Valeri	2.3	Perform time-series analysis for a set of features in certain model in the context of FTX portfolio monetization and anomalous trading patterns identification.
26	7/3/2024	Risler, Franck	0.2	Assess information from Galaxy to inform additional coin monetization analyses.
26	7/3/2024	Risler, Franck	0.6	Continue to analyze tokens in process of being sold by Galaxy for results.
26	7/3/2024	Risler, Franck	0.4	Analyze the latest coin portfolio monetization issues for Debtors.
26	7/3/2024	Risler, Franck	0.5	Assess changes to appointed UCC auction approval parties and auction termsheet.
26	7/3/2024	Risler, Franck	0.2	Assess final confirmation of trade settlement of certain complex token with last two outstanding counterparties.
26	7/3/2024	Guo, Xueying	2.8	Extract raw order book market data of a real manipulated crypto to be used to test anomaly detection pipeline for market monitoring ahead of locked token sales.
26	7/3/2024	Guo, Xueying	1.7	Test anomaly detection pipeline for market monitoring ahead of locked token sales.
26	7/3/2024	Guo, Xueying	1.3	Analyze data from example cases to be used to test anomaly detection pipeline for market monitoring ahead of locked token sales.
26	7/3/2024	Guo, Xueying	2.9	Evaluate results of testing anomaly detection pipeline for market monitoring ahead of locked token sales.
26	7/3/2024	You, Can	2.9	Implement sensitivity tests on historical data lookback periods, for optimal liquidation of available-to-sell tokens and locked tokens.

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26	7/3/2024	You, Can	2.8	Implement sensitivity tests on risk aversion parameters, for available-to-sell tokens and locked tokens.
26	7/3/2024	de Brignac, Jessica	0.8	Analyze updated coin reports from A&M.
26	7/3/2024	de Brignac, Jessica	0.6	Assess distribution agent update materials from A&M.
26	7/5/2024	Rousskikh, Valeri	2.7	Test model results over different time horizons for token on different exchanges in the context of FTX portfolio monetization and anomalous trading patterns identification.
26	7/5/2024	Rousskikh, Valeri	2.8	Produce model results for certain token on different exchanges in the context of FTX portfolio monetization and anomalous trading patterns identification.
26	7/5/2024	Rousskikh, Valeri	2.8	Test model results with different sampling frequencies for token on different exchanges in the context of FTX portfolio monetization and anomalous trading patterns identification.
26	7/5/2024	Risler, Franck	1.4	Update estimates of optimized monetization strategies through best practice reinforcement learning methods in the context of the monetization of the outstanding digital assets portfolio.
26	7/5/2024	Gray, Michael	0.8	Review latest coin report provided by Debtors to understand current crypto holdings.
26	7/5/2024	Guo, Xueying	2.7	Use the machine learning market anomaly detection pipeline to examine the market data time period of a real manipulated crypto for token sales analysis.
26	7/5/2024	Guo, Xueying	2.9	Test and train the market anomaly detection machine learning model on the market data for pipeline for market monitoring ahead of locked token sales.
26	7/5/2024	Guo, Xueying	2.6	Compare test results on crypto manipulation monitoring cases based on price returns and volumes of order book levels.
26	7/5/2024	You, Can	0.4	Prepare plots to display results of portfolio liquidation optimization analysis.
26	7/5/2024	You, Can	2.3	Refresh simulation of different correlation scenarios, for sensitivity tests on portfolio optimization.
26	7/5/2024	You, Can	1.8	Refresh simulation of different drift scenarios, for sensitivity tests on portfolio optimization.
26	7/5/2024	You, Can	1.0	Assess results of different reinforcement learning algorithms, for portfolio optimization.
26	7/8/2024	Kubali, Volkan	0.4	Assess coin monetization results for the most recent reporting period for the Debtors' portfolio.
26	7/8/2024	Rousskikh, Valeri	2.7	Perform analysis of using different covariance types in models for fitting order book data in the context of FTX portfolio monetization and anomalous trading patterns identification.
26	7/8/2024	Rousskikh, Valeri	2.8	Test convergence of the results using different covariance types in models for fitting order book data in the context of FTX portfolio monetization and anomalous trading patterns identification.
26	7/8/2024	Risler, Franck	0.5	Assess coin report as of 6/30/24 and analyze change from previous coin report as of 6/14/24.
26	7/8/2024	Risler, Franck	0.4	Participate in coin management meeting with Galaxy (C. Rhine and P. Capelli), Rothschild (C. Delo), and A&M (K. Ramanathan and E. Mosley).
26	7/8/2024	Risler, Franck	1.9	Estimate performance, value, and risk for FTX coin and tokens portfolio for coin management analysis.
26	7/8/2024	Risler, Franck	1.6	Analyze Galaxy's crypto execution for the previous month using various metrics and benchmarks.

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26	7/8/2024	Risler, Franck	0.6	Review the various coin management and monetization reports produced by Galaxy.
26	7/8/2024	Simms, Steven	0.4	Prepare correspondence on coin monetization and asset management issues.
26	7/8/2024	Bromberg, Brian	0.4	Participate in coin management meeting with Galaxy (C. Rhine and P. Capelli), Rothschild (C. Delo), and A&M (K. Ramanathan and E. Mosley).
26	7/8/2024	Diodato, Michael	0.4	Participate in coin management meeting with Galaxy (C. Rhine and P. Capelli), Rothschild (C. Delo), and A&M (K. Ramanathan and E. Mosley).
26	7/8/2024	Majkowski, Stephanie	0.9	Process and clean execution data provided in Galaxy's June report in order to perform execution analysis for FTX coin management.
26	7/8/2024	Majkowski, Stephanie	2.1	Investigate a select number of tokens missing price data for execution analysis for FTX coin management.
26	7/8/2024	Majkowski, Stephanie	1.6	Calculate estimated slippage, value, and volatility for execution analysis for FTX coin management.
26	7/8/2024	Majkowski, Stephanie	1.2	Calculate average pricing during execution periods for all tokens monetized for execution analysis and FTX coin management.
26	7/8/2024	Guo, Xueying	2.7	Calculate updated discount values for certain tokens using latest market data.
26	7/8/2024	Guo, Xueying	2.9	Perform quality check on the updated discount values of FTX locked tokens in preparation for risk dashboard update.
26	7/8/2024	Guo, Xueying	1.1	Update the treasury yield curve using the latest market data in preparation for discount calculation for locked tokens and updating risk summary dashboard.
26	7/8/2024	Guo, Xueying	1.7	Update certain coin implied volatility surface based on latest option market data in preparation for discount calculation for locked tokens and updating risk summary dashboard.
26	7/8/2024	Langer, Cameron	1.8	Review latest coin report provided by the Debtors for the purpose of updating the FTX portfolio performance, risk, and liquidation dashboard and coin management.
26	7/8/2024	Langer, Cameron	1.7	Analyze portfolio risk metrics for the purpose of updating the FTX portfolio performance, risk, and liquidation dashboard.
26	7/8/2024	You, Can	1.4	Analyze changes on crypto position manual overlay compared with previous report.
26	7/8/2024	You, Can	1.9	Review updated crypto risk ratio data for dashboard refresh.
26	7/8/2024	You, Can	1.9	Review updated crypto trade data for refreshing risk dashboard.
26	7/8/2024	You, Can	1.3	Review new bucket for selected tokens in Debtors' coin report.
26	7/8/2024	You, Can	1.3	Review updated discount calculation for dashboard refresh.
26	7/8/2024	de Brignac, Jessica	1.3	Analyze FTX wallet address reported on X.
26	7/8/2024	de Brignac, Jessica	0.3	Review comparison analysis for various coin reports on the Debtors' digital assets portfolio.
26	7/9/2024	Rousskikh, Valeri	2.6	Add covariance type parameter to true model selection along scores for limit order book in the context of FTX portfolio monetization and anomalous trading patterns identification.
26	7/9/2024	Rousskikh, Valeri	2.7	Plot scores and type of covariance to select the optimal number of components for limit order book in the context of FTX portfolio monetization and anomalous trading patterns identification.

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26	7/9/2024	Risler, Franck	0.2	Incorporate results of latest UCC meeting into coin monetization analysis.
26	7/9/2024	Risler, Franck	1.4	Estimate potential trading anomalies through techniques to ensure the maximization of creditors' recovery through the monetization of certain token.
26	7/9/2024	Risler, Franck	0.3	Assess analysis from PH on Debtors' objections to certain party's motion to lift automatic stay.
26	7/9/2024	Risler, Franck	0.3	Participate in call with A&M (K. Ramanathan, D. Sagen, and G. Walia) on token issues.
26	7/9/2024	Risler, Franck	0.2	Assess information from PH on coin monetization issues in order to provide update to UCC.
26	7/9/2024	Risler, Franck	0.2	Prepare commentary for UCC on coin monetization updates.
26	7/9/2024	Risler, Franck	0.5	Participate in meeting with PH (K. Pasquale, G. Sasson, and I. Sasson) on coin monetization.
26	7/9/2024	Bromberg, Brian	0.5	Participate in meeting with PH (K. Pasquale, G. Sasson, and I. Sasson) on coin monetization.
26	7/9/2024	Diodato, Michael	2.5	Review market anomaly detection modeling for Debtors' digital asset portfolio optimization.
26	7/9/2024	Diodato, Michael	2.3	Review token dashboard portfolio risk report for the UCC.
26	7/9/2024	Diodato, Michael	0.5	Participate in meeting with PH (K. Pasquale, G. Sasson, and I. Sasson) on coin monetization.
26	7/9/2024	Diodato, Michael	0.3	Participate in call with A&M (K. Ramanathan, D. Sagen, and G. Walia) on token issues.
26	7/9/2024	Majkowski, Stephanie	1.8	Incorporate execution analysis of certain digital assets basket into June execution analysis report for FTX coin management.
26	7/9/2024	Majkowski, Stephanie	0.4	Assess coin management issues for the Debtors' portfolio based on most recent data received.
26	7/9/2024	Majkowski, Stephanie	0.8	Investigate missing historical prices for a token from Galaxy's June report for FTX coin management.
26	7/9/2024	Majkowski, Stephanie	1.8	Investigate potential outlier prices of two tokens from Galaxy's June report for FTX coin management.
26	7/9/2024	Majkowski, Stephanie	1.5	Conduct reconciliation of token quantities and calculate estimated price per token for select basket of tokens for FTX coin management.
26	7/9/2024	Majkowski, Stephanie	1.4	Conduct reconciliation of total quantities of sold quantities for FTX coin management.
26	7/9/2024	Guo, Xueying	2.4	Assess new Galaxy trading report and adjust sale proceeds of token with auction proceeds in preparation for risk dashboard update.
26	7/9/2024	Guo, Xueying	2.9	Calculate relevant risk factors and update the new FTX crypto risk summary dashboard according to prepared discount and volatilities report.
26	7/9/2024	Guo, Xueying	2.8	Assess the market anomaly detection tests using various methods in the context of market monitoring for token sales.
26	7/9/2024	Langer, Cameron	1.7	Analyze the de-risking metrics for the FTX monetized portfolio for the purpose of coin risk management.
26	7/9/2024	Langer, Cameron	2.8	Calculate the portfolio performance ratios for the monetized and non-monetized portfolio of crypto assets held by the Debtors for coin monetization purposes.
26	7/9/2024	You, Can	1.4	Calculate risk ratios for all tokens for risk dashboard for Debtors' digital assets.

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26	7/9/2024	You, Can	0.9	Evaluate risk ratios for all tokens for risk dashboard for Debtors' digital assets.
26	7/9/2024	You, Can	1.7	Generate risk dashboard for the Debtors' digital asset portfolio.
26	7/9/2024	You, Can	1.4	Update input data for Debtors' tokens risk dashboard.
26	7/9/2024	You, Can	1.9	Apply manual overlay on aggregated position for token risk dashboard.
26	7/9/2024	You, Can	1.2	Conduct quality check on token risk dashboard between different runs.
26	7/9/2024	You, Can	1.2	Calculate portfolio risk ratio for token portfolio risk dashboard.
26	7/9/2024	de Brignac, Jessica	0.7	Review crypto monetization updates from Galaxy.
26	7/9/2024	McNew, Steven	1.9	Evaluate the Debtors' objection to certain party's motion to lift automatic stay.
26	7/10/2024	Roussikh, Valeri	2.9	Evaluate optimal components for order book in the context of portfolio monetization.
26	7/10/2024	Risler, Franck	0.7	Evaluate declaration re: Debtors' objection to certain party's motion to lift automatic stay.
26	7/10/2024	Risler, Franck	0.9	Review the numerical estimation of the risk ratio for token with short trading history to verify calculations.
26	7/10/2024	Risler, Franck	0.7	Review various monetization documents with focus on the structure of the UCC decision-making and assess any required modification considering current UCC membership.
26	7/10/2024	Bromberg, Brian	0.3	Review monetization issues for UCC.
26	7/10/2024	Bromberg, Brian	0.2	Review token portfolio update.
26	7/10/2024	Diodato, Michael	1.6	Prepare latest crypto portfolio risk dashboard for the UCC.
26	7/10/2024	Diodato, Michael	2.8	Review crypto risk dashboard report for the UCC.
26	7/10/2024	Diodato, Michael	2.8	Analyze coin monetization information and terms.
26	7/10/2024	Diodato, Michael	2.1	Assess updated digital assets risk calculations for the crypto portfolio.
26	7/10/2024	Roussikh, Valeri	2.2	Analyze risk ratio instability issue after assets unwinding in the context of FTX portfolio monetization.
26	7/10/2024	Majkowski, Stephanie	2.5	Aggregate data from historical coin reports to classify by availability for sale.
26	7/10/2024	Majkowski, Stephanie	1.2	Calculate execution metrics for a select basket of tokens with unique liquidation challenges for June execution analysis and FTX coin management.
26	7/10/2024	Majkowski, Stephanie	0.8	Calculate execution metrics for a select token with unique liquidation challenges for June execution analysis and FTX coin management.
26	7/10/2024	Kubali, Volkan	1.2	Update the execution quality report for previous month with the latest information received for coin monetization.
26	7/10/2024	Guo, Xueying	2.9	Perform quality check on the updated risk summary dashboard incorporating the new coin report and Galaxy trading report.

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26	7/10/2024	Guo, Xueying	2.3	Calculate the portfolio value with and without monetization to be included in the updated risk summary dashboard.
26	7/10/2024	Guo, Xueying	1.3	Calculate updated risk ratios with various monetization assumptions for portfolio risk dashboard.
26	7/10/2024	You, Can	0.4	Calculate token risk ratios for various historical dates.
26	7/10/2024	You, Can	1.2	Calculate the impact of zero backfilling on portfolio ratio by simulating random missing data.
26	7/10/2024	You, Can	1.2	Test crypto portfolio risk ratio calculations using different random seeds for backfilling.
26	7/10/2024	You, Can	0.5	Analyze the bias in crypto portfolio risk ratio with backfilling.
26	7/10/2024	You, Can	1.5	Analyze impacts of various changes to risk ratio calculations for certain time periods.
26	7/10/2024	You, Can	0.9	Evaluate the impact of the sale of a specific token on portfolio risk.
26	7/10/2024	You, Can	0.5	Refresh risk dashboard to reflect updated risk ratio calculations.
26	7/10/2024	You, Can	2.4	Calculate individual risk ratio by forward and backward filling of price for certain tokens.
26	7/10/2024	de Brignac, Jessica	0.6	Review Debtors' objections to party's claims against FTX.
26	7/11/2024	Kubali, Volkan	0.6	Evaluate coin monetization results for the most recent reporting period.
26	7/11/2024	Rousskikh, Valeri	2.8	Perform impact analysis of concentration parameter on model results in the context of FTX portfolio monetization and anomalous trading patterns identification.
26	7/11/2024	Rousskikh, Valeri	2.9	Revise model for results of concentration parameter in the context of FTX portfolio monetization and anomalous trading patterns identification.
26	7/11/2024	Rousskikh, Valeri	2.7	Test model results for concentration parameter in the context of FTX portfolio monetization and anomalous trading patterns identification.
26	7/11/2024	Risler, Franck	0.5	Discuss digital asset monetization with PH (K. Pasquale and G. Sasson).
26	7/11/2024	Bromberg, Brian	0.3	Review crypto portfolio holdings update for the Debtors.
26	7/11/2024	Bromberg, Brian	0.5	Discuss digital asset monetization with PH (K. Pasquale and G. Sasson).
26	7/11/2024	Diodato, Michael	0.5	Discuss digital asset monetization with PH (K. Pasquale and G. Sasson).
26	7/11/2024	Diodato, Michael	0.3	Review crypto asset monetization status and documents.
26	7/11/2024	Majkowski, Stephanie	1.2	Calculate recovery ratios for available tokens to track tokens available for sale for FTX coin management.
26	7/11/2024	Majkowski, Stephanie	2.7	Calculate expected recovery values for all locked and vesting tokens for FTX coin management.
26	7/11/2024	Majkowski, Stephanie	1.4	Investigate all locked and vesting token positions for FTX coin management.
26	7/11/2024	Majkowski, Stephanie	0.9	Aggregate data from 6/30 coin report and categorize tokens based on availability for FTX coin management.

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26	7/11/2024	Kubali, Volkan	0.6	Perform quality check for the report on the monthly coin sales and execution report for effective coin monetization.
26	7/11/2024	Guo, Xueying	2.8	Perform quality check and root out potential over-fitting in the market anomaly model training process in the context of monitoring market ahead of locked token sales.
26	7/11/2024	Langer, Cameron	2.3	Analyze rolling performance of digital assets held by the Debtors for the purpose of coin monetization support.
26	7/11/2024	Langer, Cameron	2.7	Analyze alternative performance ratios suitable for digital assets for the purpose of supporting coin monetization.
26	7/11/2024	Langer, Cameron	1.9	Calculate performance ratios for tokens in the FTX portfolio for the purpose of coin risk management.
26	7/11/2024	You, Can	1.6	Implement tests to check consistency between backfilled and original data.
26	7/11/2024	You, Can	2.2	Integrate the changes in portfolio risk ratio to risk dashboard framework.
26	7/11/2024	You, Can	1.7	Analyze the reason for a wider distribution of digital asset risk ratio from certain model backfilling.
26	7/11/2024	de Brignac, Jessica	0.8	Review updated token reports from A&M for comparison analysis.
26	7/12/2024	Roussikh, Valeri	2.4	Analyze results of model with finer data granularity in the context of FTX portfolio monetization and anomalous trading patterns identification.
26	7/12/2024	Roussikh, Valeri	2.9	Apply fine-grained structure of the data in model results in the context of FTX portfolio monetization and anomalous trading patterns identification.
26	7/12/2024	Risler, Franck	0.2	Assess results of Galaxy meeting for coin monetization analysis and implementation.
26	7/12/2024	Majkowski, Stephanie	1.2	Aggregate results from analysis performed on tokens available for sale for FTX coin management.
26	7/12/2024	Majkowski, Stephanie	1.7	Incorporate execution data for a select set of tokens with unique liquidity challenges that were executed in June into liquidation status analysis for FTX coin management.
26	7/12/2024	Majkowski, Stephanie	1.8	Evaluate findings from analysis and incorporate all executed values into liquidation status analysis for FTX coin management.
26	7/12/2024	Guo, Xueying	2.6	Create production pipeline for extracting order book market data for locked FTX tokens to prepare for market anomaly detection pipeline in the context of monitoring market ahead of locked token sales.
26	7/12/2024	Guo, Xueying	2.1	Create production pipeline for pre-processing order book data and review data quality of locked FTX tokens in the context of monitoring market ahead of locked token sales.
26	7/12/2024	Langer, Cameron	2.6	Analyze market data anomalies related to certain digital assets in the Debtors' portfolio for the purpose of coin management.
26	7/12/2024	You, Can	1.8	Implement agent environment for Debtors' crypto portfolio optimization.
26	7/12/2024	You, Can	1.7	Analyze the noise function for implementing algorithm for portfolio optimization.
26	7/12/2024	de Brignac, Jessica	0.6	Review updated token reports from A&M to assess changes from prior reports.
26	7/12/2024	McNew, Steven	2.6	Assess the court order on estimated value of Debtors' digital assets holdings.
26	7/15/2024	de Brignac, Jessica	0.3	Review token consent agreements from PH.

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26	7/15/2024	Majkowski, Stephanie	1.2	Continue to prepare liquidation status analysis for FTX coin management.
26	7/15/2024	Rousskikh, Valeri	2.9	Test quality of calibration of infinite mixture model with order book data in the context of FTX portfolio monetization and anomalous trading patterns identification.
26	7/15/2024	Rousskikh, Valeri	2.9	Apply infinite mixture model to adapt to order book data in the context of FTX portfolio monetization and anomalous trading patterns identification.
26	7/15/2024	Rousskikh, Valeri	2.7	Visualize results of fitting with infinite mixture model to order book data in the context of FTX portfolio monetization and anomalous trading patterns identification.
26	7/15/2024	Risler, Franck	0.4	Participate in coin management meeting with Galaxy (C. Rhine and P. Capelli), Rothschild (C. Delo), and A&M (K. Ramanathan and E. Mosley).
26	7/15/2024	Risler, Franck	0.8	Estimate change in value due to proposed change in vesting schedule for designated token.
26	7/15/2024	Risler, Franck	0.2	Prepare response to A&M re: universal token auction termsheet.
26	7/15/2024	Risler, Franck	0.4	Prepare for coin monetization meeting with Debtors and Galaxy.
26	7/15/2024	Risler, Franck	0.3	Assess communication of designated token foundation on proposed changed of vesting period for designated token.
26	7/15/2024	Diodato, Michael	0.4	Participate in coin management meeting with Galaxy (C. Rhine and P. Capelli), Rothschild (C. Delo), and A&M (K. Ramanathan and E. Mosley).
26	7/15/2024	Diodato, Michael	0.9	Analyze token prices relevant to token sales based on information from Galaxy.
26	7/15/2024	Diodato, Michael	2.7	Review monetization details and status of tokens in advance of meeting with the Debtors.
26	7/15/2024	Kubali, Volkan	0.4	Prepare coin management analysis for the Debtors' digital assets portfolio.
26	7/15/2024	You, Can	1.9	Integrate individual token risk ratio to risk dashboard.
26	7/15/2024	You, Can	1.4	Check that random seed for backfilling is fixed for token portfolio risk dashboard.
26	7/15/2024	You, Can	1.7	Integrate individual bid-ask spread to risk dashboard for digital assets portfolio.
26	7/15/2024	de Brignac, Jessica	0.6	Review and analyze updated token report from A&M.
26	7/15/2024	McNew, Steven	1.3	Analyze Debtors' motion for settlement with certain regulatory party for crypto implications.
26	7/15/2024	McNew, Steven	1.1	Assess the Debtors' token consent agreements as part of crypto monetization.
26	7/16/2024	Risler, Franck	0.4	Continue to analyze creditors for potential UCC membership.
26	7/16/2024	Risler, Franck	1.3	Assess consent agreement re: certain token sales in context of future monetization.
26	7/16/2024	Risler, Franck	0.4	Participate in call with A&M (K. Ramanathan, D. Sagen, and G. Walia) on token issues.
26	7/16/2024	Risler, Franck	0.4	Assess the terms of consent agreement in connection with certain token sales.
26	7/16/2024	Diodato, Michael	0.4	Participate in call with A&M (K. Ramanathan, D. Sagen, and G. Walia) on token issues.

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26	7/16/2024	Diodato, Michael	2.4	Analyze creditor holdings amounts and value of digital asset holdings.
26	7/16/2024	Diodato, Michael	2.8	Present data points on holdings of largest creditors of FTX.
26	7/16/2024	Diodato, Michael	2.5	Assess the largest claim amounts of FTX creditors.
26	7/16/2024	Majkowski, Stephanie	0.5	Prepare analysis of the Debtors' coin portfolio for coin management.
26	7/16/2024	Kubali, Volkan	1.4	Test the model for generating optimal liquidation under different data periods corresponding to different regimes for effective coin monetization.
26	7/16/2024	de Brignac, Jessica	0.7	Review token consent agreements for Debtors' token sales.
26	7/16/2024	de Brignac, Jessica	1.3	Review and analyze updated token report from A&M.
26	7/17/2024	Risler, Franck	0.4	Revise universal auction termsheet changes from PH to address decision mechanism and fallback clauses.
26	7/17/2024	Risler, Franck	0.6	Assess token basket price research provided by Debtors in context of asset management.
26	7/17/2024	Risler, Franck	0.7	Estimate and sensitize the updated discounted and recoverable value calculations for Debtors' tokens.
26	7/17/2024	Bromberg, Brian	0.2	Review locked token sale procedures.
26	7/17/2024	Diodato, Michael	0.7	Review details and proposed sale amounts for select digital assets.
26	7/17/2024	Diodato, Michael	2.9	Review latest locked token details and statuses.
26	7/17/2024	Kubali, Volkan	1.6	Implement and analyze the results of the isolation forest model in anomaly detection in coin pricing for effective coin monetization.
26	7/17/2024	Guo, Xueying	1.4	Calibrate and update the volatility surface of coin to prepare for discount value update for one locked token as reference for auction decisions.
26	7/17/2024	Guo, Xueying	1.2	Calibrate and update the treasury rate curve to prepare for discount calculation update for one locked token as reference for auction decisions.
26	7/17/2024	Langer, Cameron	2.3	Analyze marketability discounts for locked digital assets held by the Debtors for coin management purposes.
26	7/17/2024	You, Can	1.9	Review volatility surface calibration for a select token, for discount value calculation and portfolio optimization.
26	7/17/2024	You, Can	1.9	Review volatility surface scaling for all tokens based on market implied volatility.
26	7/17/2024	You, Can	2.7	Review discount calculation algorithm using certain method.
26	7/17/2024	de Brignac, Jessica	1.3	Assess list of potential creditors for UCC appointment with a focus on crypto considerations.
26	7/18/2024	Diodato, Michael	1.4	Finalize latest draft of the token term sheet to send to Debtors with changes from PH.
26	7/18/2024	Majkowski, Stephanie	1.1	Prepare and organize data on Debtors' monetized tokens for further analysis.
26	7/18/2024	Majkowski, Stephanie	2.1	Investigate digital asset pricing sources and data for FTX coin management.
26	7/18/2024	Kubali, Volkan	0.6	Perform quality check for the model to develop anomaly detection in coin pricing for effective coin monetization.

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26	7/18/2024	Kubali, Volkan	0.5	Perform quality check for the model generating optimal liquidation for effective coin monetization.
26	7/18/2024	Guo, Xueying	2.6	Calculate the discounted value for one locked token ahead of potential auction using newly provided monthly vesting schedule.
26	7/18/2024	Guo, Xueying	2.9	Continue to calculate the discounted value for one locked token ahead of potential auction using newly provided monthly vesting schedule.
26	7/18/2024	Guo, Xueying	2.7	Compare discounted values of tokens as calculated using various methods.
26	7/18/2024	You, Can	2.0	Calculate combined discounted value and liquidation discount for a select token.
26	7/18/2024	You, Can	0.9	Review updated vesting schedule for a token and model it for discount purposes.
26	7/18/2024	You, Can	1.5	Calculate liquidation discount for a token, as of 7/17.
26	7/18/2024	You, Can	1.7	Implement liquidation discount calculation for single asset.
26	7/18/2024	You, Can	1.1	Calculate liquidation discount for a token, as of 7/7.
26	7/18/2024	de Brignac, Jessica	0.7	Review and analyze updated token report from A&M for comparison analysis.
26	7/19/2024	Rousskikh, Valeri	2.8	Analyze posterior distribution over the parameters of model for order book in the context of FTX portfolio monetization and anomalous trading patterns identification.
26	7/19/2024	Rousskikh, Valeri	2.6	Assess stability of model for order book in the context of FTX portfolio monetization and anomalous trading patterns identification.
26	7/19/2024	Rousskikh, Valeri	2.7	Compare the results of various models for trading patterns identification for crypto monetization analysis.
26	7/19/2024	Diodato, Michael	2.4	Review the assets of additional creditors of FTX.
26	7/19/2024	Diodato, Michael	1.1	Analyze details of certain FTX creditors' holdings.
26	7/19/2024	Diodato, Michael	2.7	Review creditor transfers of their claims and latest holdings of their claims.
26	7/19/2024	Diodato, Michael	1.7	Review details of market anomaly research in preparation of upcoming auctions.
26	7/19/2024	Majkowski, Stephanie	1.2	Investigate digital asset valuation approaches for FTX coin management.
26	7/19/2024	Guo, Xueying	2.4	Build market anomaly detection data preprocessing pipeline to separate training data and test data in the context of market monitoring ahead of locked token auctions.
26	7/19/2024	Guo, Xueying	2.8	Build market anomaly detection data preprocessing pipeline to update and store processed data for a locked token traded in various exchanges.
26	7/19/2024	Guo, Xueying	2.9	Perform quality test on the market anomaly detection preprocessing pipeline for machine learning method in the context of market monitoring ahead of locked token auctions.
26	7/19/2024	Langer, Cameron	2.3	Develop market anomaly data detection framework for the purpose of coin risk management.
26	7/19/2024	Langer, Cameron	2.8	Analyze limit order book dynamics for illiquid assets held by the Debtors for anomaly detection and coin management purposes.

EXHIBIT C
FTX TRADING LTD., ET AL. - CASE NO. 22-11068
DETAIL OF TIME ENTRIES
FOR THE PERIOD JULY 1, 2024 THROUGH JULY 31, 2024

Task Code	Date	Professional	Hours	Activity
26	7/19/2024	You, Can	2.2	Calculate implied token price from volatility surface.
26	7/19/2024	You, Can	1.9	Calibrate volatility surface of coin for expiry within certain time period.
26	7/19/2024	You, Can	1.8	Analyze parameters for implied volatility surface calculated for certain token.
26	7/19/2024	You, Can	2.0	Analyze volatility curve of coin for different expiry dates and remove invalid points.
26	7/19/2024	de Brignac, Jessica	0.6	Review potential creditor list for UCC placement.
26	7/17/2024	Risler, Franck	0.5	Assess coin report as of 7/12/24 and analyze change from previous coin report as of 6/30/24.
26	7/22/2024	Kubali, Volkan	0.6	Participate in coin management meeting with Galaxy (C. Rhine and P. Capelli), Rothschild (C. Delo), and A&M (K. Ramanathan and E. Mosley).
26	7/22/2024	Rousskikh, Valeri	2.6	Integrate model with general order book anomalies framework in the context of FTX portfolio monetization and anomalous trading patterns identification.
26	7/22/2024	Rousskikh, Valeri	2.8	Adapt infinite mixture model for general order book anomalies framework in the context of FTX portfolio monetization and anomalous trading patterns identification.
26	7/22/2024	Rousskikh, Valeri	2.1	Assess results of certain models for order book in the context of FTX portfolio monetization and trading patterns identification.
26	7/22/2024	Simms, Steven	0.3	Evaluate modifications to coin monetization protocol for Debtors' assets.
26	7/22/2024	Diodato, Michael	1.0	Review latest monetization status in preparation of Galaxy meeting.
26	7/22/2024	Diodato, Michael	0.6	Participate in coin management meeting with Galaxy (C. Rhine and P. Capelli), Rothschild (C. Delo), and A&M (K. Ramanathan and E. Mosley).
26	7/22/2024	Diodato, Michael	0.8	Prepare correspondence for PH re: token sales term sheet.
26	7/22/2024	Majkowski, Stephanie	0.5	Develop coin monetization analysis for assessment of asset management execution.
26	7/22/2024	Guo, Xueying	2.7	Update the discount calculation for tokens in Debtors' portfolio to update portfolio risk dashboard.
26	7/22/2024	Guo, Xueying	0.9	Continue to update the discount calculation for tokens in Debtors' portfolio to update portfolio risk dashboard.
26	7/22/2024	Guo, Xueying	2.3	Perform quality check on discount calculation for tokens in Debtors' portfolio to update portfolio risk dashboard.
26	7/22/2024	Guo, Xueying	1.7	Update coin's implied volatility in preparation for discount calculation for risk analysis.
26	7/22/2024	Langer, Cameron	1.8	Analyze de-risking metrics for the FTX portfolio for the purpose coin risk management.
26	7/22/2024	Langer, Cameron	2.8	Analyze market data anomalies in the order book for illiquid digital assets held by the Debtors for coin monetization purposes.
26	7/22/2024	You, Can	2.4	Update price projections using certain model for portfolio optimization.
26	7/22/2024	You, Can	0.9	Review discounted value calculations for digital assets risk analysis.
26	7/22/2024	You, Can	1.0	Review trading quantity and remaining balance in different wallets of selected tokens.

EXHIBIT C
FTX TRADING LTD., ET AL. - CASE NO. 22-11068
DETAIL OF TIME ENTRIES
FOR THE PERIOD JULY 1, 2024 THROUGH JULY 31, 2024

Task Code	Date	Professional	Hours	Activity
26	7/22/2024	de Brignac, Jessica	0.7	Review updated coin reports from A&M in comparison to prior reports.
26	7/23/2024	Diaz, Matthew	0.6	Analyze the latest updated coin report from the Debtors.
26	7/23/2024	Rousskikh, Valeri	2.7	Provide interpretation of results of infinite mixture model for order book in the context of FTX portfolio monetization and anomalous trading patterns identification.
26	7/23/2024	Rousskikh, Valeri	2.4	Provide interpretation of certain model results for order book in the context of FTX portfolio monetization and anomalous trading patterns identification.
26	7/23/2024	Bromberg, Brian	0.3	Review remaining crypto portfolio data for further analysis.
26	7/23/2024	Diodato, Michael	2.7	Finalize dashboard of latest token positions and monetization for the UCC.
26	7/23/2024	Majkowski, Stephanie	0.3	Prepare assessment of results of analysis on select basket of assets for FTX coin management.
26	7/23/2024	Majkowski, Stephanie	0.2	Evaluate results of most recent analysis on certain basket of Debtors' crypto assets.
26	7/23/2024	Majkowski, Stephanie	2.4	Consolidate market data for certain assets and select tokens into analysis for FTX coin management.
26	7/23/2024	Majkowski, Stephanie	1.7	Perform reconciliation of quantities against coin report for a selection of assets for FTX coin management.
26	7/23/2024	Guo, Xueying	2.8	Update FTX risk dashboard using the latest market data and updated discount and liquidation costs.
26	7/23/2024	Guo, Xueying	2.3	Perform quality check on the updated FTX risk dashboard for coin management.
26	7/23/2024	Guo, Xueying	1.6	Update the curve of static portfolio compared to monetized portfolio as part of the portfolio risk dashboard update.
26	7/23/2024	Guo, Xueying	2.6	Calculate and update the FTX digital asset recovery value report.
26	7/23/2024	Langer, Cameron	2.3	Analyze historical order book data for illiquid and locked digital assets held by the Debtors for the purpose of market monitoring in the support of coin monetization.
26	7/23/2024	Langer, Cameron	1.9	Estimate total current coin monetization metrics for the purpose of updating the FTX portfolio performance, risk, and liquidation dashboard.
26	7/23/2024	Langer, Cameron	2.4	Review latest coin report provided by the Debtors for coin monetization support purposes.
26	7/23/2024	You, Can	2.1	Calculate daily portfolio risk ratios, for risk dashboard update.
26	7/23/2024	You, Can	2.0	Generate updated risk dashboard for the Debtors' coin and token portfolio.
26	7/23/2024	You, Can	2.0	Prepare updated token portfolio risk dashboard analysis.
26	7/23/2024	You, Can	1.3	Review stability of certain risk ratios for the Debtors' digital assets portfolio.
26	7/23/2024	You, Can	1.4	Apply manual overlay in trading quantities for selected tokens for risk dashboard.
26	7/23/2024	de Brignac, Jessica	0.4	Review risk summary update and locked asset term sheets.
26	7/23/2024	de Brignac, Jessica	0.6	Review updated coin reports from A&M as part of tracking the Debtors' digital assets.

EXHIBIT C
FTX TRADING LTD., ET AL. - CASE NO. 22-11068
DETAIL OF TIME ENTRIES
FOR THE PERIOD JULY 1, 2024 THROUGH JULY 31, 2024

Task Code	Date	Professional	Hours	Activity
26	7/23/2024	de Brignac, Jessica	0.4	Conduct review of digital asset basket price research from A&M.
26	7/24/2024	Simms, Steven	0.6	Evaluate modifications to UCC coin protocol issues.
26	7/24/2024	Guo, Xueying	2.1	Calculate the portfolio projection using realized and implied volatilities derived using the latest market data in the context of updating portfolio recovery value sensitivity analysis.
26	7/24/2024	Bromberg, Brian	0.3	Review updated coin valuation.
26	7/24/2024	Diodato, Michael	2.8	Review select asset holdings and correspond with UCC regarding re-designation.
26	7/24/2024	Diodato, Michael	0.3	Draft correspondence for creditor outreach re: crypto experience for UCC placement.
26	7/24/2024	Majkowski, Stephanie	0.6	Gather bid data and incorporate it into digital asset analysis to gain insight on potential ranges of values for FTX coin management.
26	7/24/2024	Majkowski, Stephanie	0.5	Review digital asset analysis results and research current prices for FTX coin management and asset categorization.
26	7/24/2024	Langer, Cameron	2.9	Develop real-time market data streaming for illiquid tokens held by the Debtors for coin monetization and market monitoring purposes.
26	7/24/2024	Langer, Cameron	2.7	Analyze current digital asset holdings of the FTX estate for coin risk management purposes.
26	7/24/2024	Langer, Cameron	2.4	Analyze order book market data for anomaly detection and coin management purposes.
26	7/24/2024	You, Can	2.5	Calculate confidence intervals for projections on portfolio returns, for token portfolio optimization.
26	7/24/2024	You, Can	2.2	Construct book from selected tokens to add to model simulation for portfolio optimization.
26	7/24/2024	de Brignac, Jessica	0.5	Analyze vesting schedule for certain token from A&M.
26	7/24/2024	de Brignac, Jessica	0.9	Review risk summary update and locked asset term sheets for token sales.
26	7/25/2024	Kubali, Volkan	0.3	Prepare updates to the coin monetization analysis in order to provide UCC with latest findings.
26	7/25/2024	Bromberg, Brian	0.8	Assess Debtors' crypto portfolio reporting.
26	7/25/2024	Diodato, Michael	0.2	Prepare correspondence with Debtors regarding digital asset monetization.
26	7/25/2024	Majkowski, Stephanie	0.2	Participate in call with A&M (K. Ramanathan, D. Sagen, and G. Walia) on token issues.
26	7/25/2024	Guo, Xueying	2.7	Review the preprocessing results and plots for token valuation in the context of market monitoring ahead of locked token auctions.
26	7/25/2024	Guo, Xueying	2.9	Perform full market anomaly detection procedures on token for sale in the context of market monitoring ahead of locked token auctions.
26	7/25/2024	Langer, Cameron	2.6	Analyze mixture model-based approach to market manipulation detection for the purpose of auction monitoring and coin monetization support.
26	7/25/2024	Langer, Cameron	1.3	Assess latest value projections based on the Debtors' current crypto holdings for the purpose of asset management.
26	7/25/2024	Langer, Cameron	2.2	Analyze order book anomalies in illiquid digital assets held by the Debtors for coin liquidity risk management purposes.

EXHIBIT C
FTX TRADING LTD., ET AL. - CASE NO. 22-11068
DETAIL OF TIME ENTRIES
FOR THE PERIOD JULY 1, 2024 THROUGH JULY 31, 2024

Task Code	Date	Professional	Hours	Activity
26	7/25/2024	Langer, Cameron	1.4	Integrate real-time market data streaming to the market manipulation monitoring pipeline for the purpose of supporting ongoing coin monetization.
26	7/25/2024	You, Can	2.9	Evaluate the optimal execution paths based on different price projections.
26	7/25/2024	You, Can	1.7	Backtest price forecast analysis using projected and actual prices for certain tokens.
26	7/25/2024	de Brignac, Jessica	0.4	Review certain coin distribution services agreement.
26	7/26/2024	Diodato, Michael	0.8	Review portfolio monetization analysis and optimization review for Debtors' digital assets.
26	7/26/2024	Guo, Xueying	1.6	Review alternative order book market data and data stream to be used for anomaly detection in the context of market monitoring ahead of locked token auctions.
26	7/26/2024	Guo, Xueying	2.7	Produce machine learning pipeline for market anomaly detection using preprocessed data in the context of market monitoring ahead of locked token auctions.
26	7/26/2024	Langer, Cameron	1.6	Develop local order book model for various digital asset exchanges for market monitoring, anomaly detection, and coin management purposes.
26	7/26/2024	Langer, Cameron	1.9	Analyze token volumes and volatilities using the latest market data for coin monetization purposes.
26	7/26/2024	Langer, Cameron	2.1	Analyze available token liquidity using real-time market data on centralized digital asset exchanges for the purpose of coin monetization support.
26	7/26/2024	Langer, Cameron	2.7	Analyze Debtors' response to questions on the projections of the Debtors' crypto holdings after the Plan effective date for asset management purposes.
26	7/26/2024	You, Can	2.0	Enhance the optimal execution paths based on combined model for token portfolio optimization.
26	7/26/2024	You, Can	2.5	Update environment definition for certain algorithm, for portfolio optimization.
26	7/26/2024	de Brignac, Jessica	0.6	Analyze Plan recovery analysis from A&M for crypto elements of interest for UCC.
26	7/29/2024	Kubali, Volkan	0.3	Attend meeting with A&M (K. Ramanathan), and Galaxy (C. Rhine) to discuss the status of monetization.
26	7/29/2024	Bromberg, Brian	0.5	Analyze crypto valuation update for Debtors' holdings.
26	7/29/2024	Bromberg, Brian	0.3	Review crypto portfolio analysis update for Debtors' holdings.
26	7/29/2024	Bromberg, Brian	0.3	Attend meeting with A&M (K. Ramanathan), and Galaxy (C. Rhine) to discuss the status of monetization.
26	7/29/2024	Guo, Xueying	2.9	Test the configurations to be used in market anomaly detection machine learning method for one locked token in one exchange in the context of market monitoring ahead of locked token auctions.
26	7/29/2024	Guo, Xueying	0.6	Verify the total proceeds from one locked token sales as part of reconciliation with record.
26	7/29/2024	Langer, Cameron	2.3	Assess the Debtors' response to token monetization projection methodology questions for coin management purposes.
26	7/29/2024	Langer, Cameron	2.9	Analyze real-time orders in certain illiquid digital asset markets for the purpose of anomaly and market manipulation detection in support of coin monetization.
26	7/29/2024	You, Can	2.0	Integrate utility function and risk ratio into a combined risk metric module, for portfolio optimization.

EXHIBIT C
FTX TRADING LTD., ET AL. - CASE NO. 22-11068
DETAIL OF TIME ENTRIES
FOR THE PERIOD JULY 1, 2024 THROUGH JULY 31, 2024

Task Code	Date	Professional	Hours	Activity
26	7/29/2024	You, Can	2.1	Update upper and lower boundaries for action space, for portfolio optimization.
26	7/30/2024	Diodato, Michael	0.2	Attend meeting with A&M (D. Sagen and A. Selwood) to discuss the status of monetization.
26	7/30/2024	Diodato, Michael	1.2	Review latest term sheet for sale of tokens.
26	7/30/2024	Diodato, Michael	0.6	Revise token sale term sheet to distribute to the Debtors.
26	7/30/2024	Guo, Xueying	2.6	Perform quality check on the configuration setting for market anomaly detection machine learning pipeline for token in the context of market monitoring ahead of locked token auctions.
26	7/30/2024	Guo, Xueying	2.8	Improve the performance of our anomaly detection machine learning method using cloud computing and perform quality check.
26	7/30/2024	Langer, Cameron	2.6	Apply the Debtors' value projection methodology using current market data for the purpose of estimating token monetization proceeds.
26	7/30/2024	Langer, Cameron	2.8	Analyze current token liquidity available for potential monetization for asset management purposes.
26	7/30/2024	Langer, Cameron	2.7	Analyze order book market data for certain illiquid digital assets held by the Debtors for coin monetization purposes.
26	7/31/2024	Diodato, Michael	0.4	Review coin monetization analyses for UCC presentation.
26 Total			562.6	
27	7/1/2024	Baldo, Diana	0.9	Adapt social posts and update communications plan.
27	7/1/2024	Jasser, Riley	0.6	Prepare communications for creditors re: recent updates to the case.
27	7/8/2024	Jasser, Riley	0.8	Prepare additional communications for creditors re: recent updates to the case.
27	7/10/2024	Jasser, Riley	0.7	Prepare communications for creditors re: recent updates to the case.
27	7/11/2024	Jasser, Riley	0.8	Revise communications for creditors re: recent updates to the case.
27	7/22/2024	Jasser, Riley	0.7	Develop social media posts re: recent Plan milestones for the Debtors and creditors.
27	7/24/2024	Baldo, Diana	0.4	Update communication plan to align with milestones.
27	7/24/2024	Jasser, Riley	0.8	Write alternative draft of communications for the Debtors' developments in order to inform creditors.
27	7/25/2024	Jasser, Riley	0.3	Revise draft of communications for the Debtors' developments in order to inform creditors.
27 Total			6.0	
Grand Total			892.7	

EXHIBIT D
FTX TRADING LTD., ET AL. - CASE NO. 22-11068
SUMMARY OF EXPENSES
FOR THE PERIOD JULY 1, 2024 THROUGH JULY 31, 2024

Expense Type	Amount
Electronic Subscriptions	\$ 1,375.00
Working Meals	20.00
GRAND TOTAL	\$ 1,395.00

EXHIBIT E
FTX TRADING LTD., ET AL. - CASE NO. 22-11068
ITEMIZED EXPENSES
FOR THE PERIOD JULY 1, 2024 THROUGH JULY 31, 2024

Expense Type	Date	Professional	Expense Detail	Amount
Electronic Subscriptions	7/1/2024	Diaz, Matthew	Monthly charge for UCC X account.	\$ 1,000.00
Electronic Subscriptions	7/27/2024	Diodato, Michael	Token data monthly subscription for pricing and analyzing tokens for monetization.	375.00
Electronic Subscriptions Total				\$ 1,375.00
Working Meals	5/22/2024	Bromberg, Brian	Working meal while working late on the FTX case.	20.00
Working Meals Total				\$ 20.00
Grand Total				\$ 1,395.00